P10		September 1	8552722	
8 =		Obass Constitution of the Chartest		1
444		Saue Control	6552722	
			U.S. UTILITY PATENT APPLICATION Output Patent date	
		John S.	PORTUGO OA TREE 2 2 2001	
	SECTOR	CLASS	SUBCLASS ART UNIT 26 EXAMINER	
		376	149 3 3772 05 550	
	O9/34		CLASS SUBCLASS ARTUMIT EXAMINER SANTINGO CONTRACTOR CHARLES SUBCLASS ARTUMIT TO EXAMINER CONTRACTOR CONTRACTO	
	S LOREN WALTE	A AVILES A MASSIE	Rest Certificate Certificate	
,	TOD S	SHANNON	NOV 2 5 2003 AND 1 2 2003 Of Correction S. EOR. SCULPTING VIA CALLED TO A HAPTIC	
4	SYSTE VIRTU	EMS AND METHOD JAL REALITY EN	S FOR SCULPTING VIRIUAL YOUNGETS IN A HAPTIC VIRONMENT	a R
	. F		(FTO 2000) 141 1200 (August 1200) 141 (August 12	
	, OR	IGINAL	ISSUING CLASSIFICATION cross reference(s)	
	CLASS	S MAIN MILL AND SHEET S.	CLASS (ONE SUBCLASS PER BLOCK)	
	e la la la de	PNAL CLASSIFICATIO	Self Barrier 1 20 than 1 will be the Self Self Self Self Self Self Self Sel	
	6 0 6 7 - 1	15-/:00 m		
	/ / .	//3		
		11/1/11/11	- 19 1 日本 - 19	173
	TERN	3-4-03	Formal Districtions (35 shits) set 7-6-99 DRAWINGS CLAIMS ALLOWED	
	DISC	LAIMER	Sheets Drvg Print Fig Total Claims Print Claim for O.G.	
	a) The term	n of this patent (date)	NOTICE OF ALLOWANCE MAILED	
	has been discl	almed.	Environ Examine) (Oste)	
	not extend bey	n of this patent shall wond the expiration date	MARK ZIMMERMAN ISSUE FEE	
		1 1 2 2 X 3 kr	SUPERVISORY PATENT EXAMINER Amount Due Date Paid AV	
			Primary Examinar) (Dany) SSUE RATCH NUMBER	4 10
3	this patent hav	ninal ausmonths of the been disclaimed	MUCCU I (SSUE BATCH NUMBER / (Légal Instruments Examine))	
411	WARNING:	isclosed herein may be restric	ted. Unsufferized disclosure may be prohibited by the United States Code Title 35 Sections 122 (18 per see	
	rossession outsion m PTO-436A ev 6/98)	de the U.S. Patent & Trademar	Office is restricted to authorized employees and contractors only	
۱۰.				
	Forma	I Drawings(shts) s	(CABEL AREA) ISSUE FEE IN FILE	
			HUUUL HEREIT	Ď.
Z.			(FACE)	
1	iewskie.			